

Asst. Prof. UĞUR SERENCAM

Personal Information

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International Researcher IDs

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Education Information

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2009 - 2014

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2007 - 2013

Postgraduate, Sakarya University, Institute Of Science, Turkey 2003 - 2007

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Turkey 1994 - 1998

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Taşkın zararları ve zarar görebilirlik analizi: Trabzon Değirmendere Sanayi Mahallesi örneği, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2013

Postgraduate, Doğu Karadeniz bölgesindeki küçük akarsuların hidroelektrik potansiyellerinin analizi, Sakarya University, Institute Of Science, 2007

Research Areas

Civil Engineering, Hydraulic

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Engineering, Civil Engineering, 2020 - Continues

Researcher, Ontario Canada Üniversitesi, Ontario Tech University Faculty of Engineering and Applied Science, Department of Mechanical and Manufacturing Engineering, 2022 - 2023

Assistant Professor, Bayburt University, Faculty Of Engineering, Department Of Civil Engineering, 2014 - 2020

Academic and Administrative Experience

Rector's Advisor, Marmara University, 2021 - Continues

Head of Department, Marmara University Directorate of Construction and Technical Affairs, 2021 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effective drought analysis by different methodological integrations in Yesilirmak Basin, Turkey**
SERENCAM U.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.29, no.3, pp.278-288, 2023 (SCI-Expanded)
- II. **Determining the water level fluctuations of Lake Van through the integrated machine learning methods**
SERENCAM U., Ekmekcioğlu Ö., Başakın E. E., Özger M.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.27, no.2, pp.123-142, 2022 (SCI-Expanded)
- III. **Wind quality designation concept and application**
Sen Z., SERENCAM U.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.45, no.12, pp.18194-18200, 2021 (SCI-Expanded)
- IV. **Impacts of Ground Slope on Main Performance Figures of Solar Chimney Power Plants: A Comprehensive CFD Research with Experimental Validation**
CÜCE E., MERT CÜCE A. P., Sen H., Sudhakar K., Berardi U., SERENCAM U.
INTERNATIONAL JOURNAL OF PHOTOENERGY, vol.2021, 2021 (SCI-Expanded)
- V. **INNOVATIVE FLOW RISK ASSESSMENT WITH CLIMATE CHANGE PERSPECTIVE IN YESILIRMAK BASIN**
Serancam U., Dabanli I.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, no.1, pp.514-521, 2020 (SCI-Expanded)
- VI. **Innovative trend analysis of total annual rainfall and temperature variability case study: Yesilirmak region, Turkey**
Serancam U.
ARABIAN JOURNAL OF GEOSCIENCES, vol.12, no.23, 2019 (SCI-Expanded)
- VII. **A novel method based on thermal conductivity for material identification in scrap industry: An experimental validation**
Cuce E., MERT CÜCE A. P., Guclu T., Besir A., Gokce E., SERENCAM U.
MEASUREMENT, vol.127, pp.379-389, 2018 (SCI-Expanded)
- VIII. **The status of renewable electricity from hydropower in Turkey**
SERENCAM U.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.12, no.7, pp.628-634, 2017 (SCI-Expanded)
- IX. **RENEWABLE ENERGY STATUS AND HYDROPOWER IN SOME DEVELOPING COUNTRIES AND FOCUS ON TURKEY**
YÜKSEL İ., Arman H., Serancam U., Songur M., Demirel I. H.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.2, pp.409-418, 2016 (SCI-Expanded)
- X. **Toward a sustainable energy future in Turkey: An environmental perspective**
Serancam H., SERENCAM U.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.27, pp.325-333, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Küçük Hidrolik Santrallerde Kapasite Faktör Analizi Ve Giresun Özelinde Bir Uygulama**
SERENCAM U.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.4, pp.691-698, 2019 (Peer-Reviewed Journal)
- II. **Hydro energy and environmental policies in Turkey**
YÜKSEL İ., ARMAN H., SERENCAM U.
Journal of Thermal Engineering, vol.2, no.5, pp.934-939, 2016 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Hydrological Analysis of Değirmendere Basin and Solution Proposals**
YÜKSEK Ö., SERENCAM U.
4th International Advanced Engineering Technologies (ICADET), Bayburt, Turkey, 28 September 2022, pp.301-306
- II. **Investigation of Renewable Energy in Turkey's Eastern Black Sea Region Medium-Sized Hydroelectric Power Plants**
SERENCAM U., ERYILMAZ TÜRKKAN G.
Munzur Summit 3rd International Applied Sciences Congress, Tunceli, Turkey, 27 February 2021
- III. **Capacity Factor Analysis in Small Hydraulic Power Plants: Application in Rize Province**
ERYILMAZ TÜRKKAN G., SERENCAM U.
Munzur Summit 3rd International Applied Sciences Congress, Tunceli, Turkey, 27 February 2021
- IV. **Trend Assessment of Precipitation and Temperature Records in Yesilirmak Basin**
SERENCAM U., DABANLI İ.
3rd International Conference on Advanced Engineering Technologies (ICADET 2019), Bayburt, Turkey, 19 - 21 September 2019, pp.77-82
- V. **Flow Risk Assessment Under Climate Change Effect in Yesilirmak Basin, Turkey**
SERENCAM U., DABANLI İ.
11th World Congress on Water Resources and Environment (EWRA 2019), Madrid, Spain, 25 - 29 June 2019, pp.451-452
- VI. **The impact of natural disasters and environmental pollution on agricultural lands**
SERENCAM U., GIDIK B., SERENCAM H.
1. International Technological Sciences and Design Symposium (ITESDES-18), Giresun, Turkey, 27 - 29 June 2018, pp.207-212
- VII. **The relationship between environmental pollution and natural disasters**
GIDIK B., SERENCAM U., SERENCAM H.
1. International Technological Sciences and Design Symposium (ITESDES-18), Giresun, Turkey, 27 - 29 June 2018, pp.189

Metrics

Publication: 19

Citation (WoS): 45

Citation (Scopus): 46

H-Index (WoS): 4

H-Index (Scopus): 4

Non Academic Experience

Ontario Teknik Üniversitesi Mühendislik ve Uygulamalı Bilimler Fakültesi Makine ve İmalat Mühendisliği Bölümü

Ministry, Ministry of Environment, Urbanization and Climate Change, Ankara Provincial Directorate

Çevre, Şehircilik ve İklim Değişikliği Bakanlığı Ankara İl Müdürlüğü

Ministry, Ministry of Environment, Urbanization and Climate Change, General Directorate of Construction Works

Çevre, Şehircilik ve İklim Değişikliği Bakanlığı Mesleki Hizmetler Genel Müdürlüğü

Ministry, Prime Ministry , Earthquake Advisory Board

Başbakanlık

Ministry, Ministry of Environment, Urbanization and Climate Change , İlbank General Directorate

Çevre, Şehircilik ve İklim Değişikliği Bakanlığı İlbank Genel Müdürlüğü

Ministry, Ministry of Environment, Urbanization and Climate Change, General Directorate of Construction Works

Çevre, Şehircilik ve İklim Değişikliği Bakanlığı Yapı İşleri Genel Müdürlüğü

Ministry, Ministry of Environment, Urbanization and Climate Change, General Directorate of Construction Works

Çevre, Şehircilik ve İklim Değişikliği Bakanlığı Yapı İşleri Genel Müdürlüğü

Ministry, Ministry of Interior Disaster of Emergency Management Presidency, Trabzon Provincial Director of Disaster and Emergency

İçişleri Bakanlığı Afet ve Acil Durum Yönetimi Başkanlığı

Ministry, Ministry of Environment, Urbanization and Climate Change İlbank General Directorate , Trabzon Regional Directorate

Çevre, Şehircilik ve İklim Değişikliği Bakanlığı İlbank Trabzon Bölge Müdürlüğü